

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L1 | 6 | ((("5956218") or ("4816957") or ("5943199")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/26 11:37 |
| S1 | 2 | "US 20070177325" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2009/06/15 15:40 |
| S2 | 2488 | 361/42 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/15 16:41 |
| S3 | 558 | S2 and (leak\$3 near current\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/15 16:41 |
| S4 | 1898 | 361/42.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 11:13 |
| S5 | 2488 | 361/42 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 11:13 |
| S6 | 558 | S5 and (leak\$3 near current\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 11:14 |

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| S7 | 1 | S6 and (zero\$1reference (zero adj reference)) and (test\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 11:14 |
| S8 | 5 | S5 and (test with leakage with current\$1 with without) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 11:37 |
| S9 | 2 | "US 20070177325" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2009/06/16 12:01 |
| S10 | 287 | S6 and (comparator amplifier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/16 12:07 |
| S11 | 2 | "US 20070177325" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2009/08/19 11:19 |
| S12 | 5 | (zero\$1reference) and ("GFCI" (ground near fault)) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2009/08/19 15:07 |
| S13 | 10 | (current with (sampling samples) with ("A/D converter" (analog near digital))) same ("GFCI" (ground near fault)) | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2009/08/19 21:30 |
| S14 | 2 | "US 20070177325" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2009/08/24 11:09 |
| S15 | 2 | ("20080253061").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/25 10:24 |

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| S16 | 9 | (sampl\$3) same (average) same ("A/D converter" (analog near digital)) same (leak\$3) same (current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 10:27 |
| S17 | 215 | (sampl\$3) same (average) same (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 10:49 |
| S18 | 2 | (sampl\$3) same (average) same (leakage near current) same (zero near cross\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 10:54 |
| S19 | 1 | (sampl\$3) same (average) same (leakage near current) same (zero near reference) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 10:54 |
| S20 | 2 | (sampl\$3) same (average) same (leakage near current) same ((zero \$1cross\$3) zero near cross\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 10:55 |
| S21 | 19 | (sampl\$3) same (average) same (leakage near current) same (zero) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 10:57 |
| S22 | 3 | "US 20060020406" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2009/08/25 11:00 |
| S23 | 588 | (leakage near current) and ((zero\$1cross (zero near cross)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 11:01 |
| S24 | 6 | (leakage near current) and ((zero\$1cross (zero near cross)) same sampl\$3 same average) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 11:01 |

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| S25 | 66 | (leakage near current) and ((zero\$1cross (zero near cross)) near (detect \$3 monitor\$3 sens\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 11:03 |
| S26 | 95 | ("GFI" (ground near fault)) and (test) and (hair adj dryer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 12:44 |
| S27 | 12 | (US-20080062591-\$ or US-20080048667-\$ or US-20030112015-\$ or US-20080165462-\$ or US-20040212935-\$ or US-20040136125-\$ or US-20030058590-\$).did. or (US-7110895-\$ or US-7353123-\$ or US-6262871-\$ or US-5109315-\$ or US-4816957-\$).did. | US-PGPUB; USPAT | OR | ON | 2009/08/25 12:57 |
| S28 | 1 | S27 and (plug) and (socket) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 12:57 |
| S29 | 1 | (sampl\$3) same (initial) same ((base reference) near value) same (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 15:25 |
| S30 | 30 | (sampl\$3) same ((base reference) near value) same (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 15:25 |
| S31 | 8 | ("5,956,218" "4,816,957" "5,943,199" "6,122,155").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 15:27 |

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| S32 | 571 | ((sampl\$3) same ((base reference)) same (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 15:55 |
| S33 | 1 | ((SANDRO) near2 ("ZANDONELLA BALCO"). INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/25 16:09 |
| S34 | 31 | without near generat\$3 near leakage near current | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:09 |
| S35 | 536 | (without with generat\$3 with leakage with current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:10 |
| S36 | 9 | (without with generat\$3 with test with leakage with current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:11 |
| S37 | 2541 | 361/42 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:13 |
| S38 | 394 | S37 and ("GFCI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:13 |
| S39 | 81 | S38 and (sampl\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:13 |
| S40 | 227 | 361/43 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:18 |

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| S41 | 43 | S40 and ("GFI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:18 |
| S42 | 10 | S41 and (saml\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:18 |
| S43 | 1 | S42 not S39 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:18 |
| S44 | 571 | 361/44 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:45 |
| S45 | 118 | S44 and ("GFI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:45 |
| S46 | 25 | S45 and (saml\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:45 |
| S47 | 1 | S46 not S39 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:45 |
| S48 | 1139 | 361/45 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:46 |

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| S49 | 236 | S48 and ("GFI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:46 |
| S50 | 41 | S49 and (saml\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:46 |
| S51 | 5 | S50 not S39 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:46 |
| S52 | 351 | 361/46 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:47 |
| S53 | 79 | S52 and ("GFI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:47 |
| S54 | 10 | S53 and (saml\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:47 |
| S55 | 1 | S54 not S39 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:47 |
| S56 | 408 | 361/47 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:47 |

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| S57 | 52 | S56 and ("GFI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:47 |
| S58 | 6 | S57 and (saml\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:47 |
| S59 | 295 | 361/48 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:48 |
| S60 | 41 | S59 and ("GFI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:48 |
| S61 | 6 | S60 and (saml\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:48 |
| S62 | 393 | 361/49 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:50 |
| S63 | 74 | S62 and ("GFI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:50 |
| S64 | 6 | S63 and (saml\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:50 |

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| S65 | 439 | 361/50 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:50 |
| S66 | 84 | S65 and ("GFI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:50 |
| S67 | 19 | S66 and (saml\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:51 |
| S68 | 1113 | 361/79 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:53 |
| S69 | 18 | S68 and ("GFI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:53 |
| S70 | 2640 | 361/86-88.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:54 |
| S71 | 31 | S70 and ("GFI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:54 |
| S72 | 230 | 324/607 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:56 |

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| S73 | 0 | S72 and ("GFI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:56 |
| S74 | 947 | 324/509 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:56 |
| S75 | 101 | S74 and ("GFI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:56 |
| S76 | 389 | 324/510 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:59 |
| S77 | 50 | S76 and ("GFI" (ground near fault)) and (leakage near current) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/25 16:59 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|----------------|------------------|---------|------------------|
| S78 | 0 | ((leakage near current) and (zero \$1reference) and (test \$3) and (signal\$1)). clm. | USPAT; UPAD | OR | ON | 2009/08/25 17:07 |

8/26/2009 11:39:34 AM

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